



PCT09

Does Not Comply
Corrected Diskette Needed

RAW SEQUENCE LISTING

DATE: 07/16/2002

PATENT APPLICATION: US/09/831,452

TIME: 13:46:52

Input Set : A:\SEQ.LISTING. Sugamura et al..txt

Output Set: N:\CRF3\07162002\I831452.raw

3 <110> APPLICANT: SUGAMURA, Kazuo
4 TANAKA, Nobuyuki
6 <120> TITLE OF INVENTION: Protein AMSH and cDNA thereof
8 <130> FILE REFERENCE: 2001-0572A/LC/00653
10 <140> CURRENT APPLICATION NUMBER: 09/831,452
11 <141> CURRENT FILING DATE: 2001-07-10
13 <150> PRIOR APPLICATION NUMBER: PCT/JP99/06309
14 <151> PRIOR FILING DATE: 1999-11-12
16 <150> PRIOR APPLICATION NUMBER: JP No. 10-322674
17 <151> PRIOR FILING DATE: 1998-11-12
19 <160> NUMBER OF SEQ ID NOS: 4
21 <170> SOFTWARE: PatentIn Ver. 2.0

ERRORED SEQUENCES

84 <210> SEQ ID NO: 2
85 <211> LENGTH: 1910
86 <212> TYPE: DNA
87 <213> ORGANISM: Homo sapiens → 42207 is mandatory
89 <221> NAME/KEY: CDS
90 <222> LOCATION: 11..1282

E--> 92 <400> SEQUENCE: 2

93 cttggtcctg atgtctgacc atggagatgt gagcctcccg cccgaagacc ggggtgagggc 60
94 tctctccag ctgggtagtg cggtagaggt gaatgaagac attccacccc gtcggtactt 120
95 ccgctctgga gttgagatta tccgaatggc atccatttac tctgaggaag gcaacattga 180
96 acatgccttc atcctctata acaagtatat cacgctcttt attgagaaac taccaaaaca 240
97 tcgagattac aaatctgctg tcattcctga aaagaaagac acagtaaaga aattaaagga 300
98 gattgcattt cccaaagcag aagagctgaa ggcagagctg ttaaaacgat ataccaaaga 360
99 atatacagaa tataatgaag aaaagaagaa ggaagcagag gaattggccc ggaacatggc 420
100 catccagcaa gagctggaaa aggaaaaaa gagggtagca caacagaagc agcagcaatt 480
101 ggaacaggaa cagttccatg ccttcgagga gatgatccgg aaccaggagc tagaaaaaga 540
102 ggcactgaaa attgtacagg agtttgggaa ggtagaccct ggcctaggtg gcccgtagtg 600
103 gcctgacttg gagaagccct ccttagatgt gttccccacc ttaacagtct catccataca 660
104 gccttcagac tgtaacacaa ctgtaaggcc agctaagcca cctgtggtgg acaggtcctt 720
105 gaaacctgga gcaactgagca actcagaaag tattcccaca atcgatggat tgcgccatgt 780
106 ggtggtgcct gggcggtgtg gccacagtt tctccagtta gccagtgcc aactgcccg 840
107 gggagtggag acatgtggaa ttctctgttg aaaactgatg aggaatgaat ttaccattac 900
108 ccatgtttct atccccaaagc aaagtgtctg gtctgattac tgcaacacag agaacgaaga 960
109 agaacttttc ctacatacagg atcagcaggg cctcatcaca ctgggctgga ttcatactca 1020
110 cccacacag accgcgtttc tctccagtgt cgacctacac actcactgct cttaccagat 1080
111 gatgttgcca gagtcagtag ccattgtttg ctcccccaag ttccaggaaa ctggattctt 1140
112 taaactaact gaccatggac tagaggagat ttcttctgtg cgccagaaag gatttcattc 1200

RAW SEQUENCE LISTING

DATE: 07/16/2002

PATENT APPLICATION: US/09/831,452

TIME: 13:46:52

Input Set : A:\SEQ.LISTING. Sugamura et al..txt

Output Set: N:\CRF3\07162002\I831452.raw

```

113 acacagcaag gatccacctc tgttctgtag ctgcagccac gtgactgttg tggacagagc 1260
114 agtgaccatc acagaccttc gatgagcggt tgagtccaac accttccaag aacaacaaaa 1320
115 ccatatcagt gtactgtagc ccottaatth aagctttcta gaaagctttg gaagtttttg 1380
116 tagatagtag aaaggggggc atcacctgag aaagagctga ttttgtatth caggtttgaa 1440
117 aagaaataac tgaacatatt ttttaggcaa gtcagaaaga gaacatgggc acccaaaagc 1500
118 aactgtaact cagaaattaa gttactcaga aattaagtag ctcaaaaatt aagaaagaat 1560
119 ggtataatga acccccatat acccttccct ctggattcac caattgttaa ctttttttct 1620
120 ctctcagcta tcttctaat ttctctctaa tttcaatttg tttatattta cctctgggct 1680
121 caataagggc atctgtgcag aaatttggaa gccatttaga aaatcttttg gattttcctg 1740
122 tggtttatgg caatatgaat ggagcttatt actgggggta gggacagctt actccatttg 1800
123 accagattgt ttggctaaca catcccgagg aatgattttg tcaggaatta ttgttattta 1860
124 ataaatattt caggatattt ttctctaca ataaagtaac aattaactta 1910

```

187 <210> SEQ ID NO: 4

188 <211> LENGTH: 1384

189 <212> TYPE: DNA

190 <213> ORGANISM: hom sapiens *infect* **2207 (monoderm)**

192 <221> NAME/KEY: CDS

193 <222> LOCATION: 56..1327

E--> 195 <400> SEQUENCE: 4

```

196 gtgacgtttc cggaagctct gactgtcacc cttcacgaaa gaacttattt gtccaatgtc 60
197 tgaccatggg gatgtgagcc tcccacccca agaccgggtg aggattctgt cccaacttgg 120
198 gagtgcagtt gagttaaatg aagacattcc acccgcgtgc tactaccgct ccggtgttga 180
199 gatcatccgc atggcgctccg tttactcgga agaaggcaac attgaacatg cttttatcct 240
200 ctacaacaag tacatcacgc tgtttattga aaaacttccg aaacaccgag actacaaatc 300
201 agctatcatt cctgagaaga aagatgctgt caagaaatta aagagcgctg ctttccctaa 360
202 agcgggaagag ctgaagacag agctcttgag aagatacacc aaagaatatg agcagtataa 420
203 agagcgaaaag aaaaaggaag aagaggaact tgcccgaat atcgccatcc agcaagagtt 480
204 ggaaaaagaa aaacagaggg ttgctcagca gaagcagaag cagctagagc aggagcaatt 540
205 ccatgccttt gaggagatga tccagaggca ggagctggaa aaagaacggc tgaaaattgt 600
206 tcaagagtth gggaaggtag accctggccc ctgcgggcct ctgctccctg atctggaaaa 660
207 gccttgtgta gatgtggccc ccagctcacc gttctcgccc acgcagactc cagactgtaa 720
208 cacaggcatg aggccagcta agccacctgt ggtggacagg tccctgaaac ctggagcgth 780
209 aagcgtcata gaaaatgtth ccaccattga aggcctgcgc cacatcgthg tgccccgtaa 840
210 tctgtgctca gaatttctcc agcttgccag tgccaatacc gccaaaggca ttgaaacctg 900
211 tggagtcttc tgtggaaaac tgatgagaaa tgaattcaca atcacacatg ttctcatccc 960
212 cagacaaaaat ggtgggcctg attattgcca caggagaat gaagaagaaa ttttctttat 1020
213 gcaggatgac cttggaactc tcaactcttg ctggatccat actcatccaa cccaaacggc 1080
214 ctttctgtcc agtgtggatc tccacactca ctgctctac caaatgatgt taccagagtc 1140
215 catcgcaatc gtctgttccc caaagtthca ggaaactgga ttctttaagc taactgacta 1200
216 tggctctcaa gagattthca cctgcccggc gaaaggctth ccccccatg gcagagacct 1260
217 accgctgtth tgtgactgca gccatgtcac tgtcaaggac agaattgtga cgatcacaga 1320
218 ccttcgataa atctcaaatc atgaaccagg gagatggatc actgggtaac agcacttgtc 1380
219 acca 1384

```

VERIFICATION SUMMARY

DATE: 07/16/2002

PATENT APPLICATION: US/09/831,452

TIME: 13:46:53

Input Set : A:\SEQ.LISTING. Sugamura et al..txt

Output Set: N:\CRF3\07162002\I831452.raw

L:92 M:200 E: Mandatory Header Field missing, <220> not found for SEQ ID#:2

L:195 M:200 E: Mandatory Header Field missing, <220> not found for SEQ ID#:4